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ORIGINAL CL BY 235979
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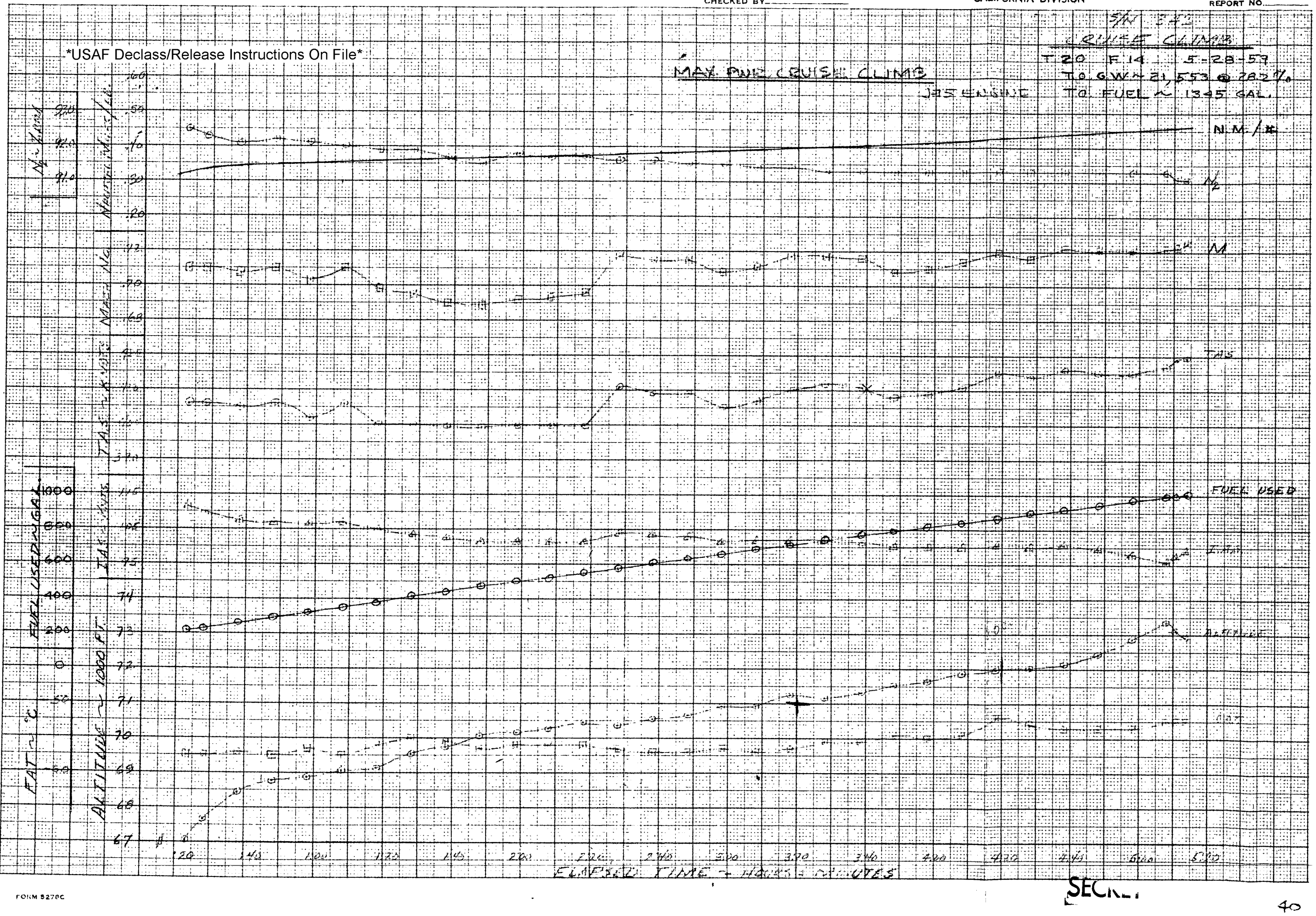

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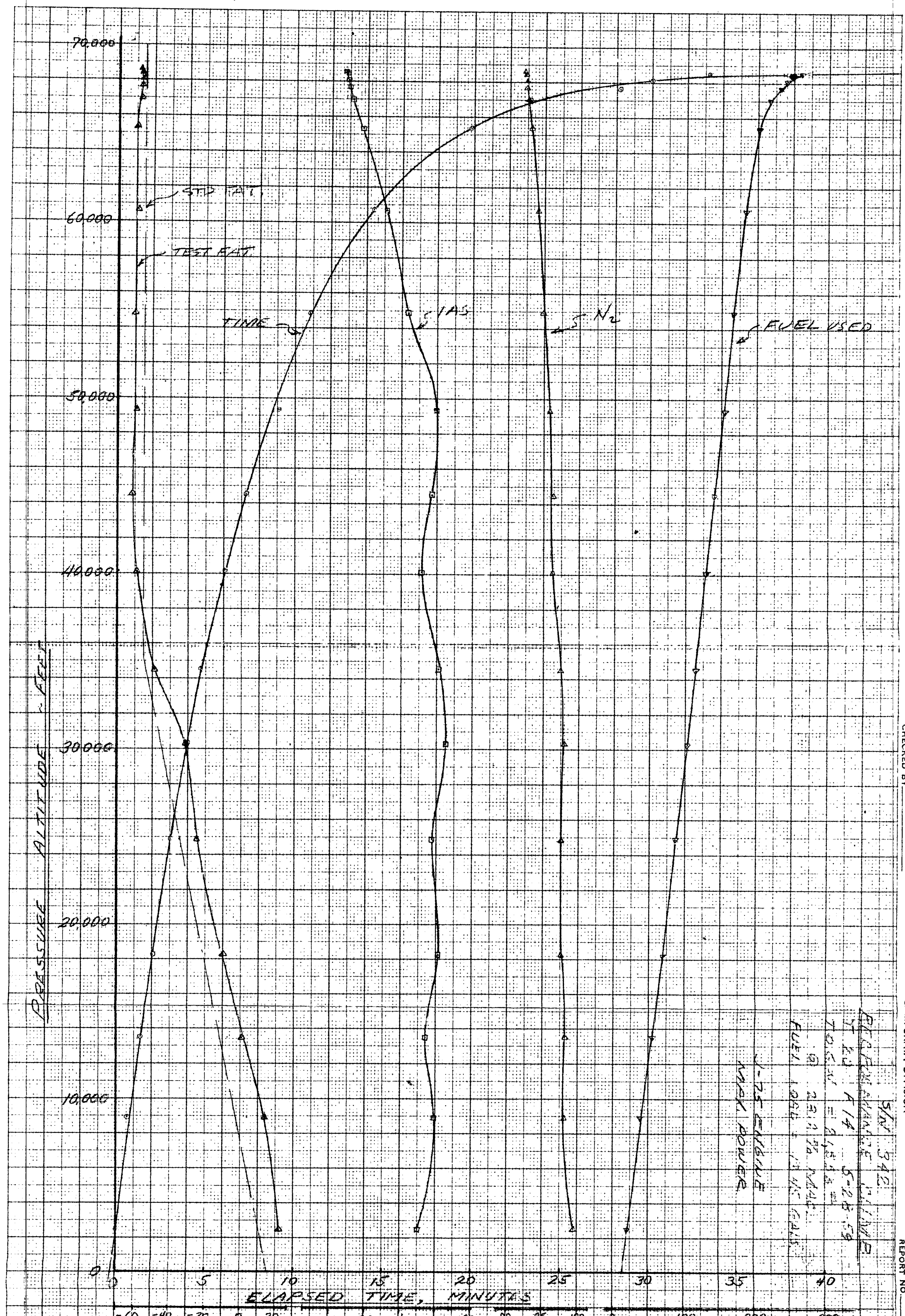

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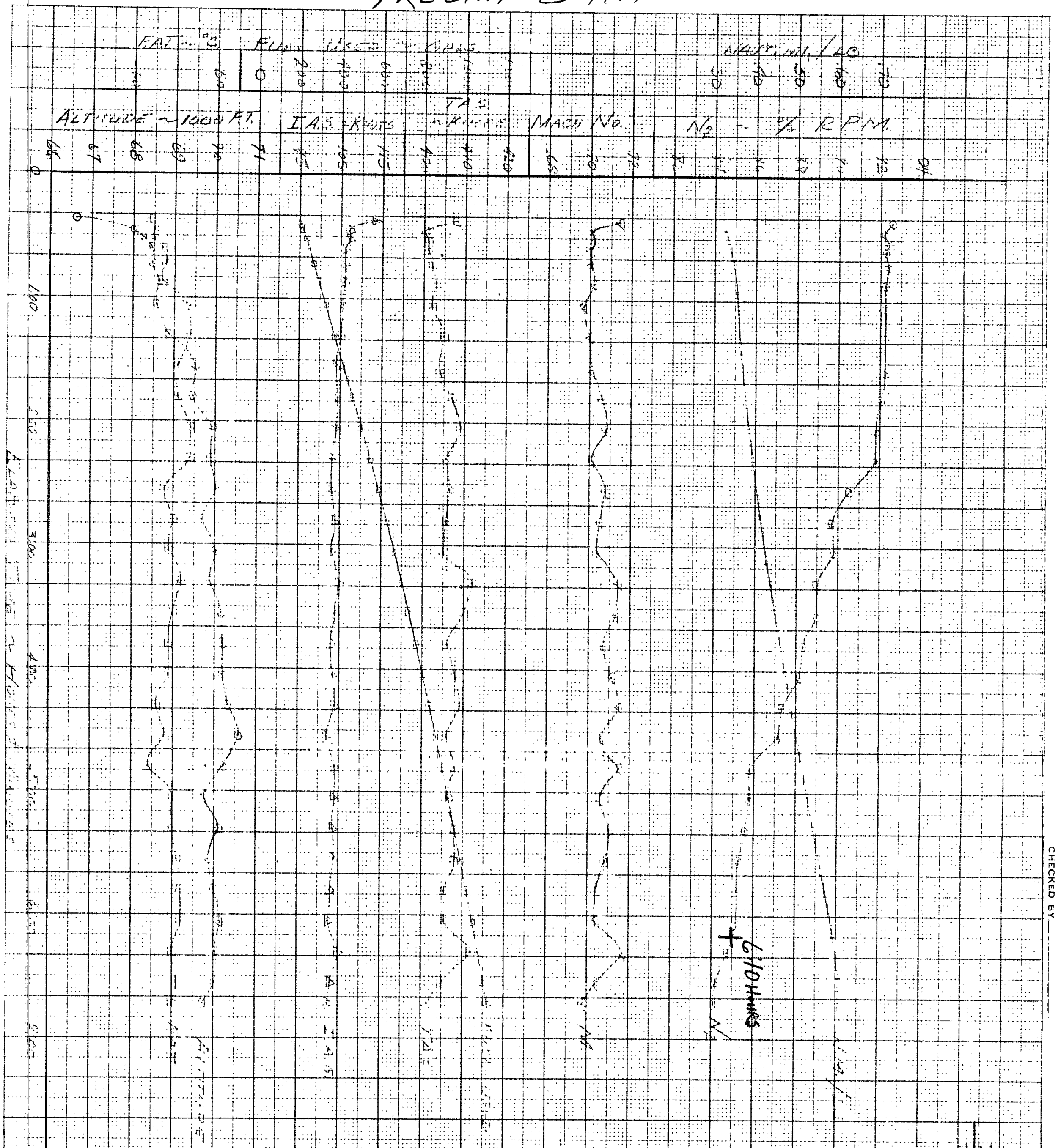
S/N 342
PERFORMANCE CLIMB
F 22 F14 5-28-59
T.O.G.W. = 21,5[illegible] #
@ 23.1 % MAC
FUEL 1056 + 14 GALS

J-75 ENGINE
MAX POWER

PRELIM DATA



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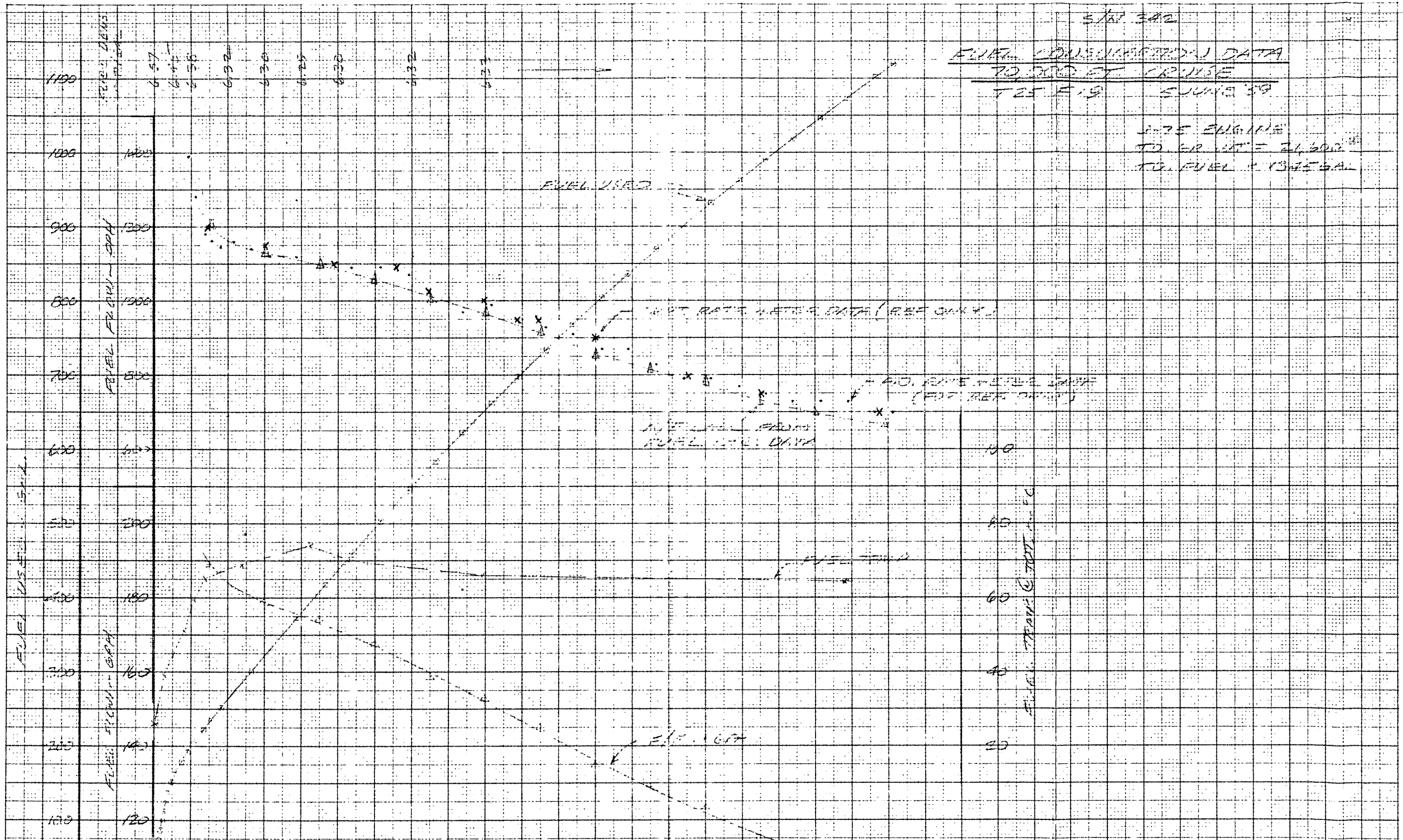
S/AT 342

FUEL CONSUMPTION DATA
70,000 FT CRUISE
T25 F-9 5 JUNE 59

J-75 ENGINE
T.O. GR. WT = 21,600#
T.O. FUEL = 1345 GAL

PRELIM DATA



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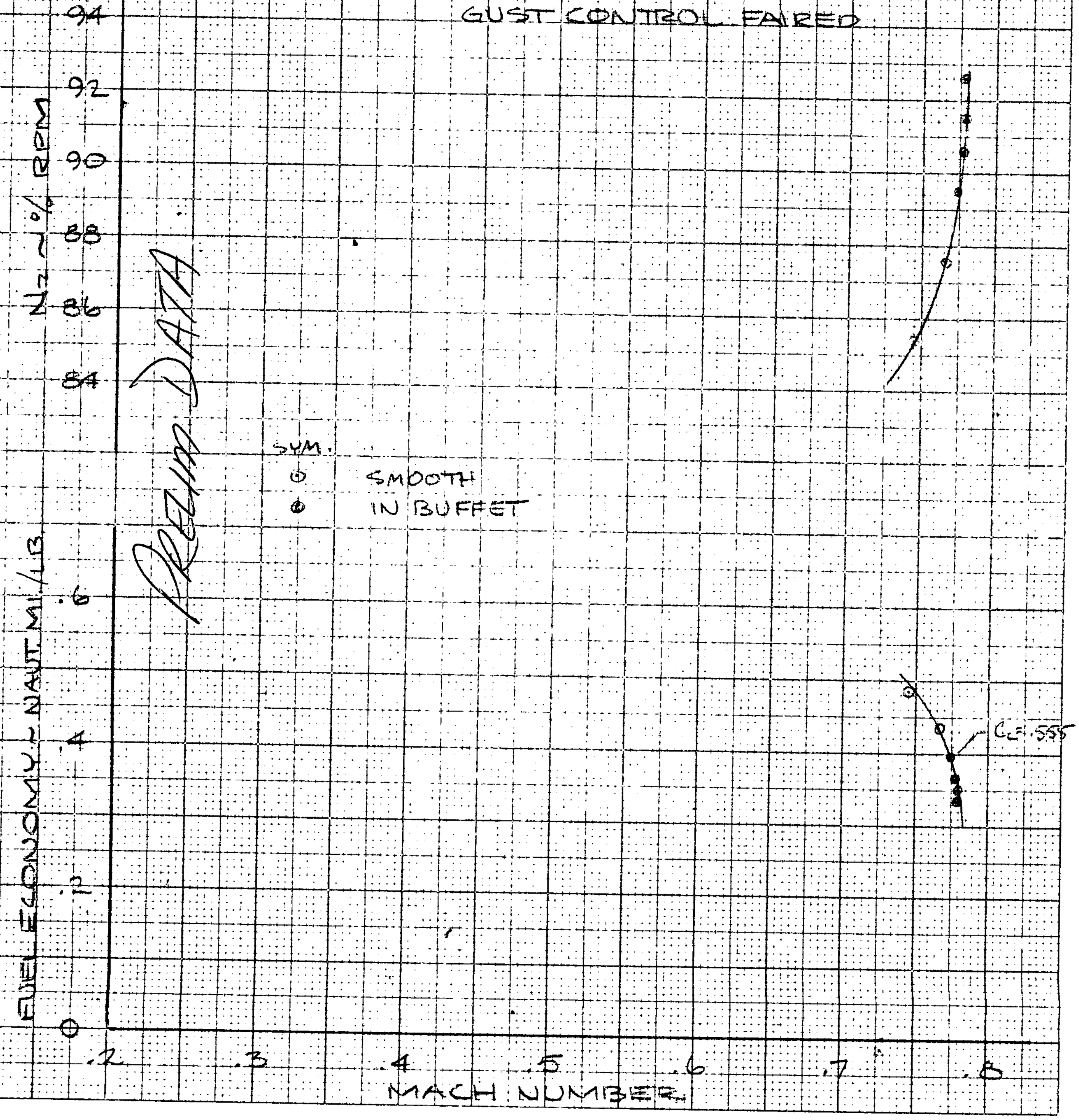
S/N 342

SPEED POWER & FUEL ECONOMY
SLIPPER TANKS ~ 65,000 FT.
T29 F23 11 JUNE 59

J-75 ENGINE
AVG. WT = 16,800 LB.
NACA STD. DAY
GUST CONTROL FAIRED



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637

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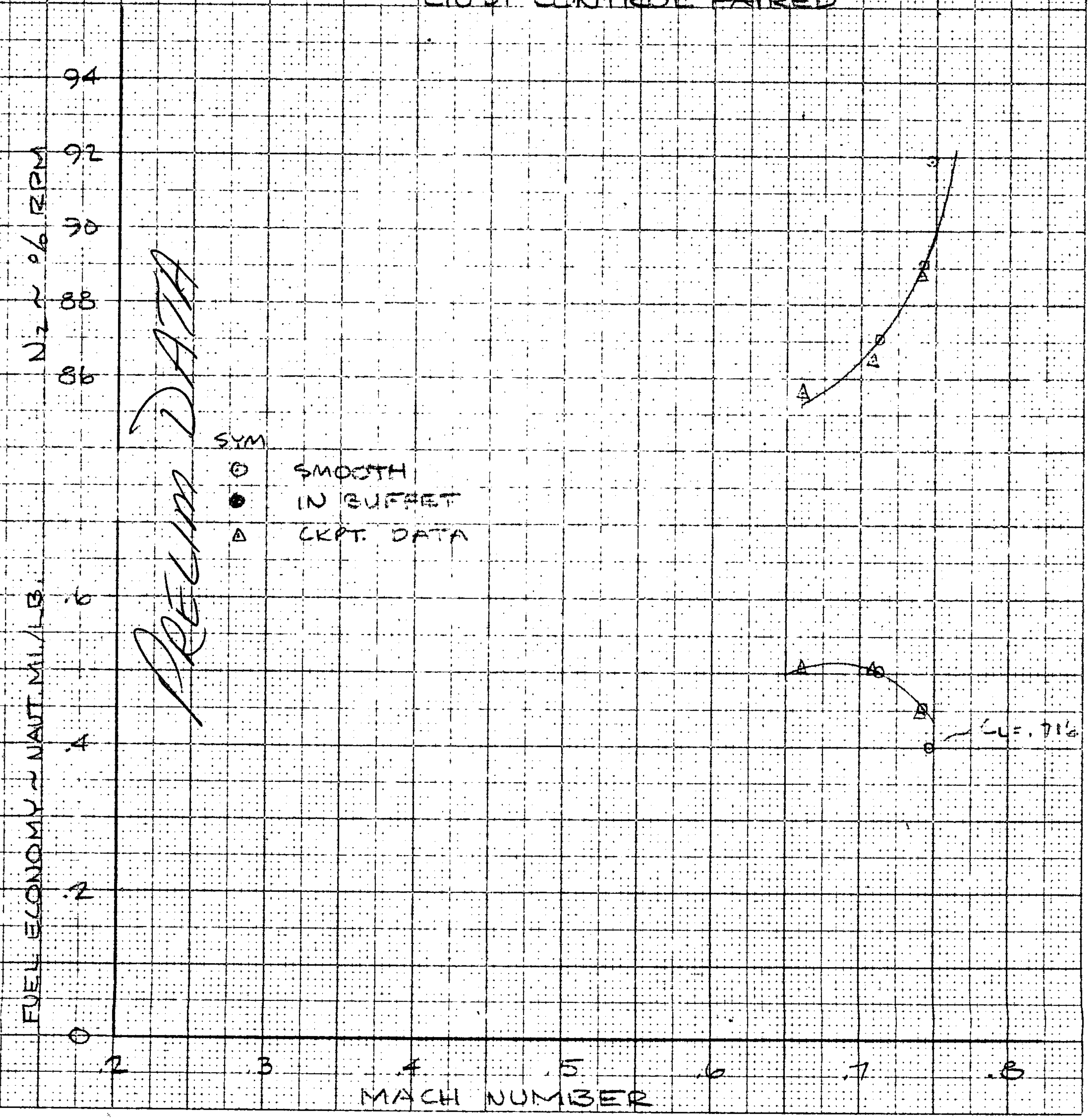
S/N 342

SPEED POWER & FUEL ECONOMY
SLIPPER TANKS ~ 70,000 FT.

T29 F23 11 JUNE '59

J-75 ENGINE
AVG. WT = 15,700 LB.
NACA STD. DAY
GUST CONTROL FAIRED



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S/N 342

$V_T\delta/W_1$ & $N_2/\sqrt{\theta}$ VS. MACH NO.

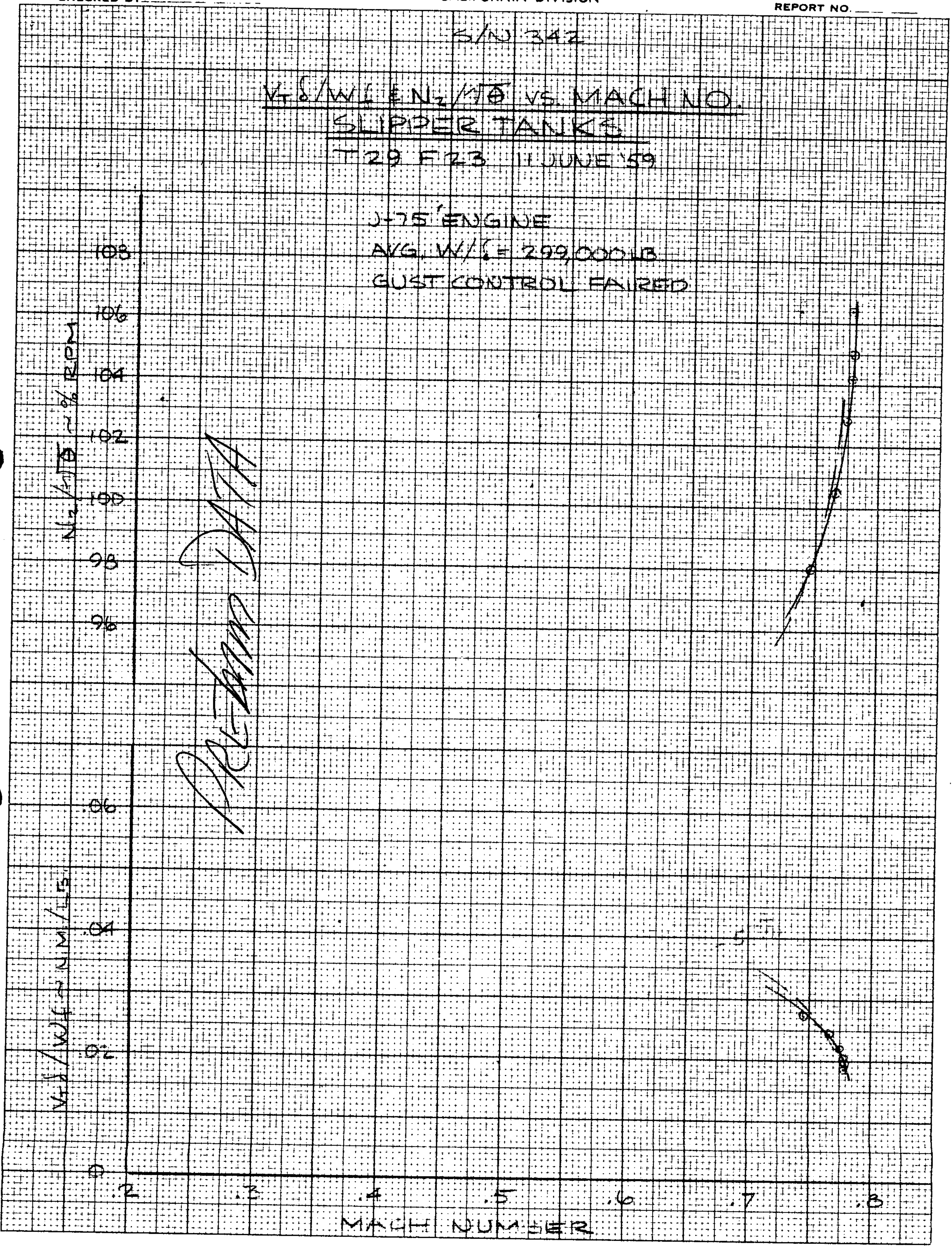
SLIPPER TANKS

T29 F23 11 JUNE '59

J-75 ENGINE

AVG. W/δ = 299,000 LB

GUST CONTROL FAIRED



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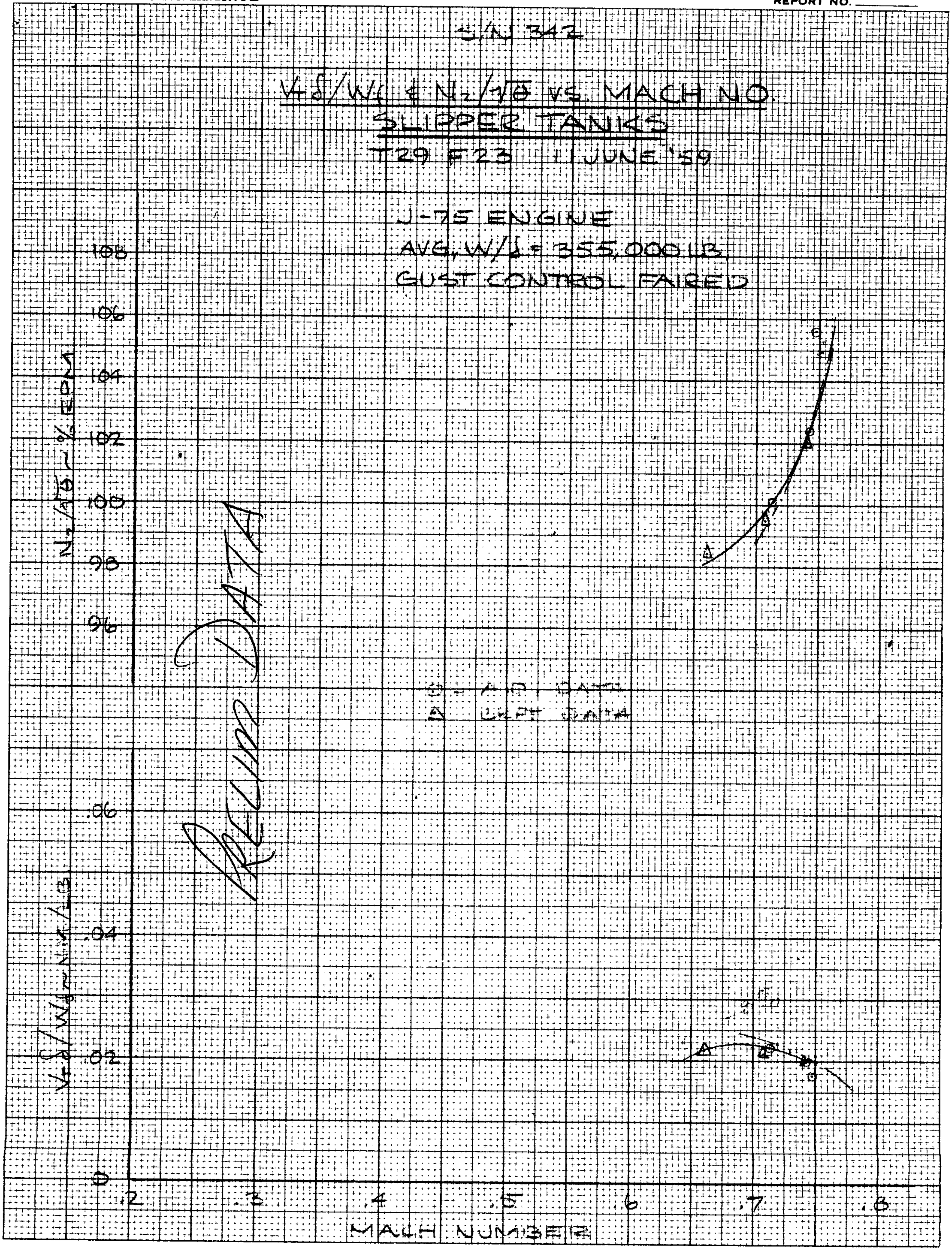
S/N 342

$V_1\delta/W_f$ & $N_2/\sqrt{\theta}$ VS. MACH NO.
SLIPPER TANKS
T29 F23 11 JUNE '59

J-75 ENGINE
AVG. W/δ = 355,000 LB.
GUST CONTROL FAIRED



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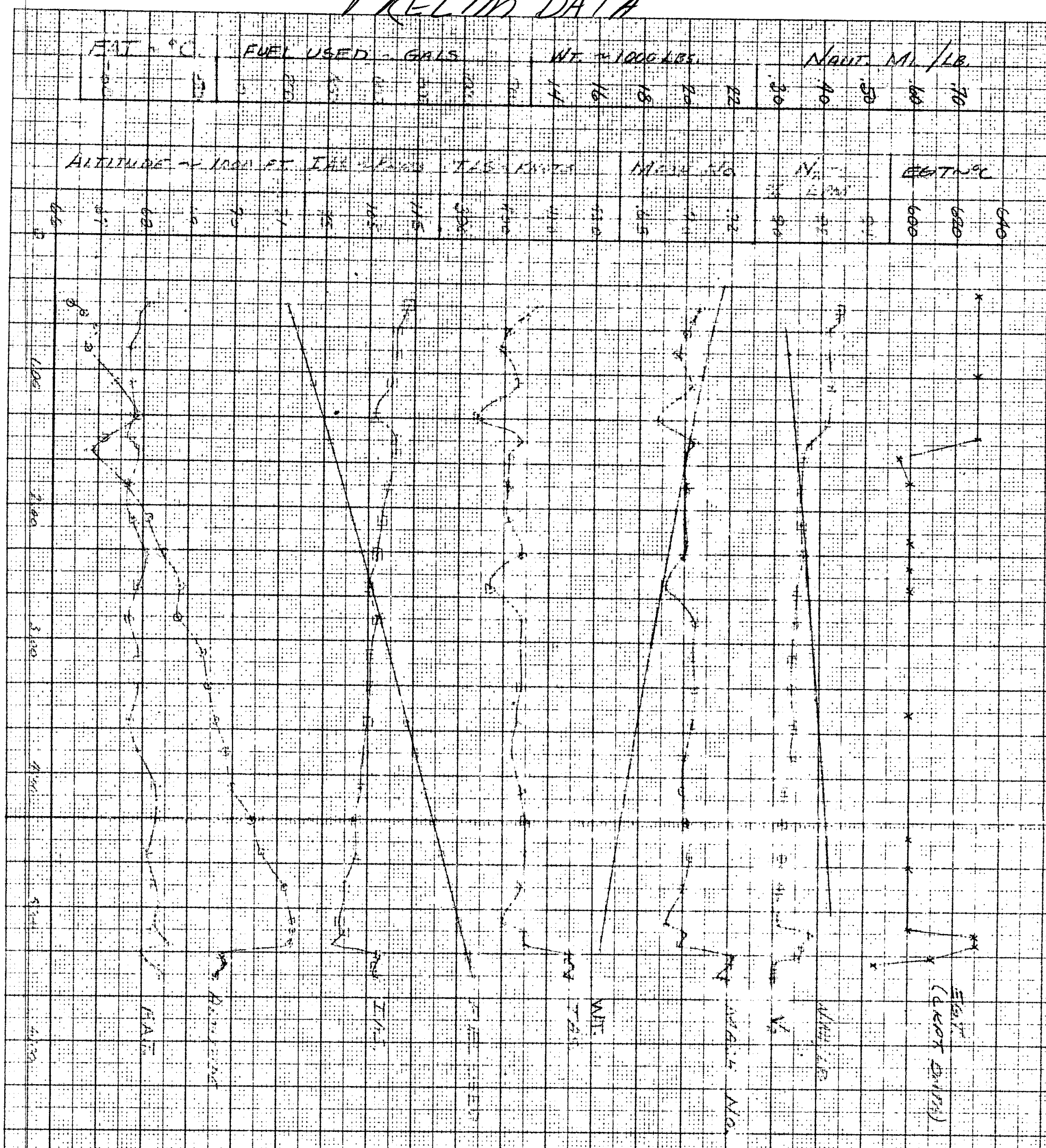

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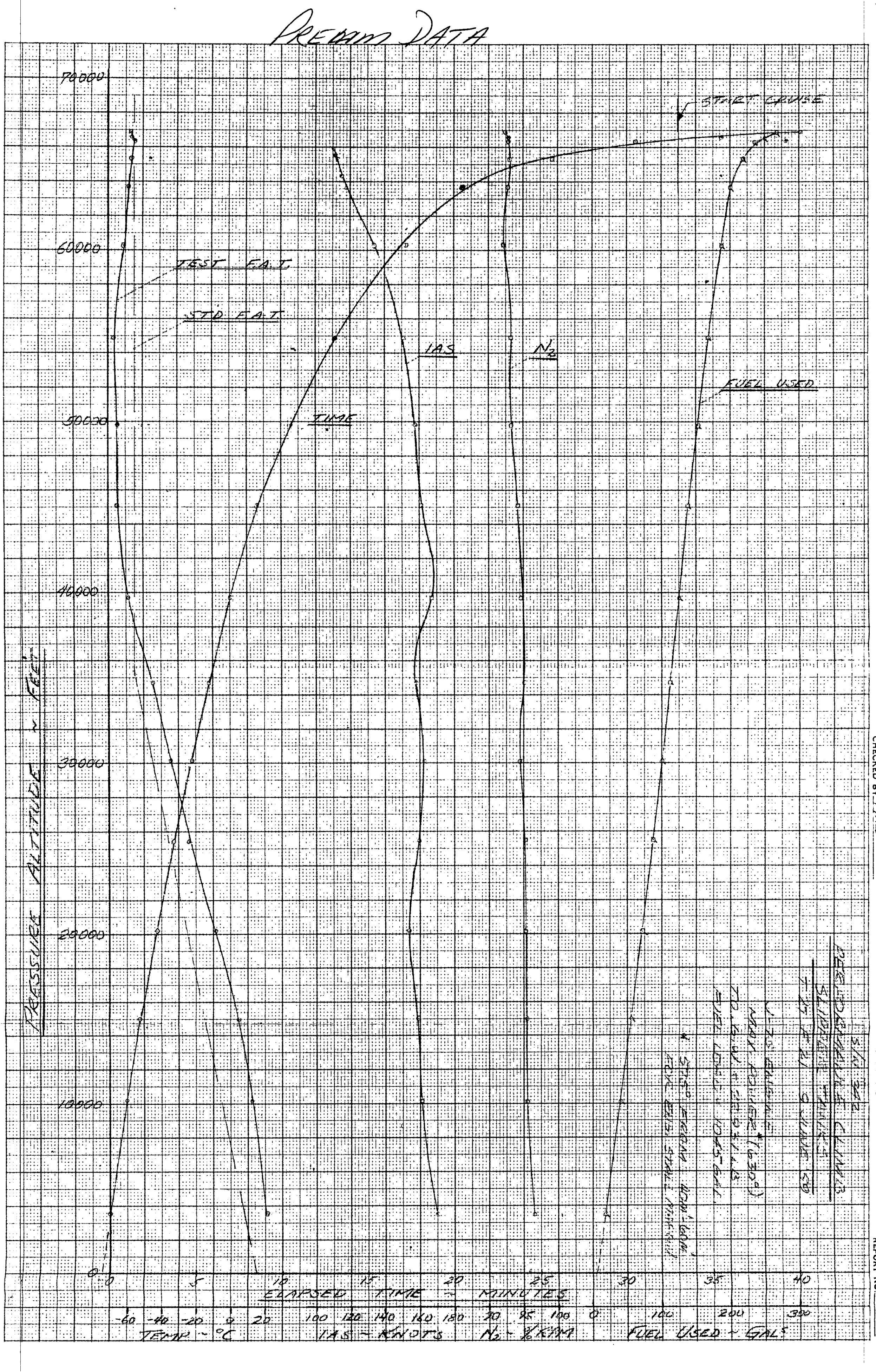
FLT 342
CRUISE DATA (& CLIMB)
SLIPPER TANKS
F-27 9 JUNE 59

J-75 ENGINE
T.O. GR. WT = 21,931 LBS
T.O. FUEL = 1545 GAL.

FORM 527EC

93

PRELIM DATA



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S/C 342
PERFORMANCE CLIMB
SUMMARY SHEET
F-27 F-21 9 JUNE 58
J-75 ENGINE
MAX POWER* (630°)
T.O. G.W. = 20,971 LB
FUEL LOAD = 1045 GAL
* STD ECON 40M'-60M' FOR EGT STALL MARGIN

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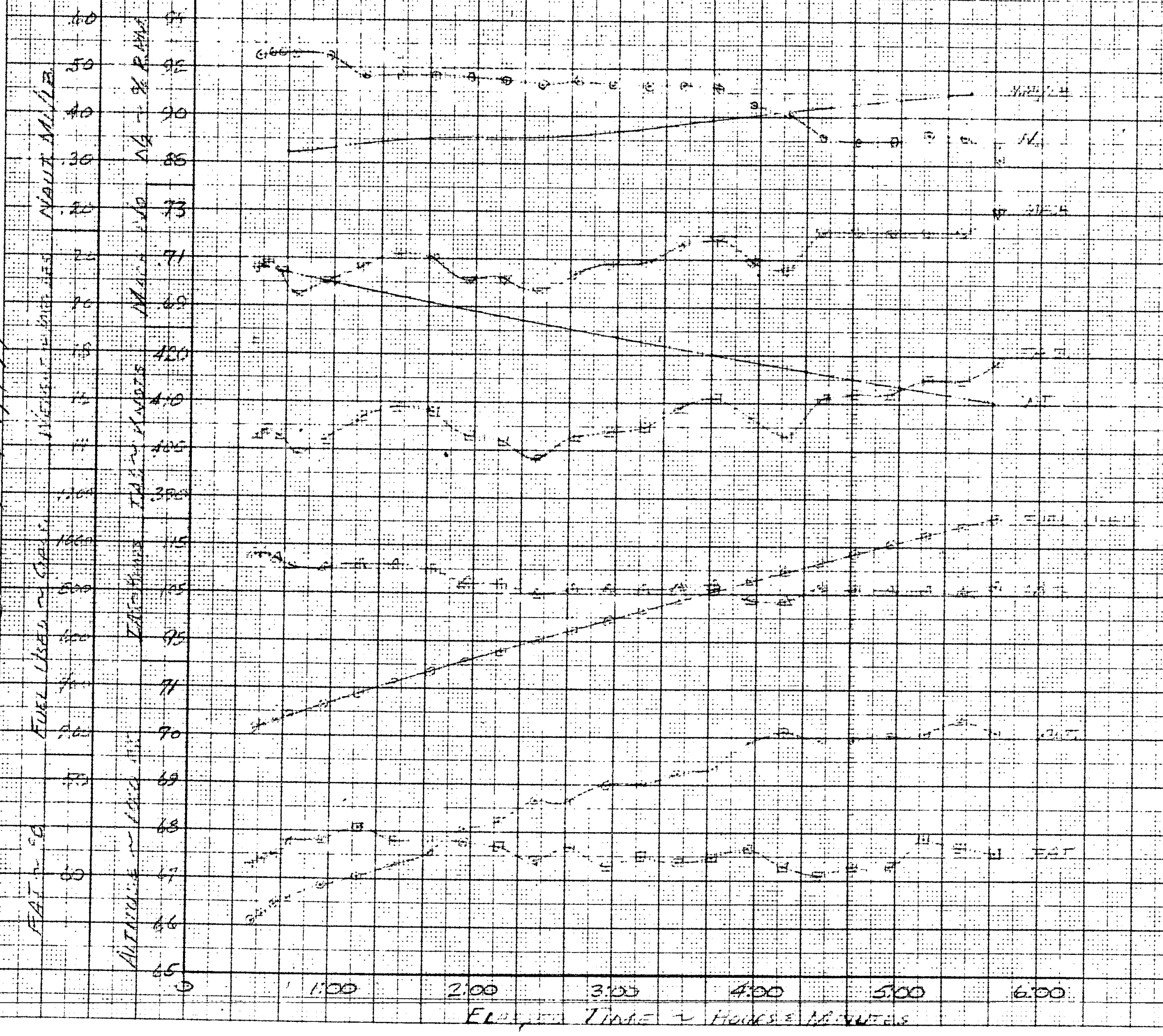
PRELIM DATA

CRUISE DATA (CONSTANT ALT)

J 75 ENGINE
T.O. GR. WT = [illegible] LB
T.O. FUEL [illegible] GAL

6.5° CRUISE CLIMB TO 70M'
2HR. THEN REDUCED FOR 70M' CR.



FORM 527BC

70A

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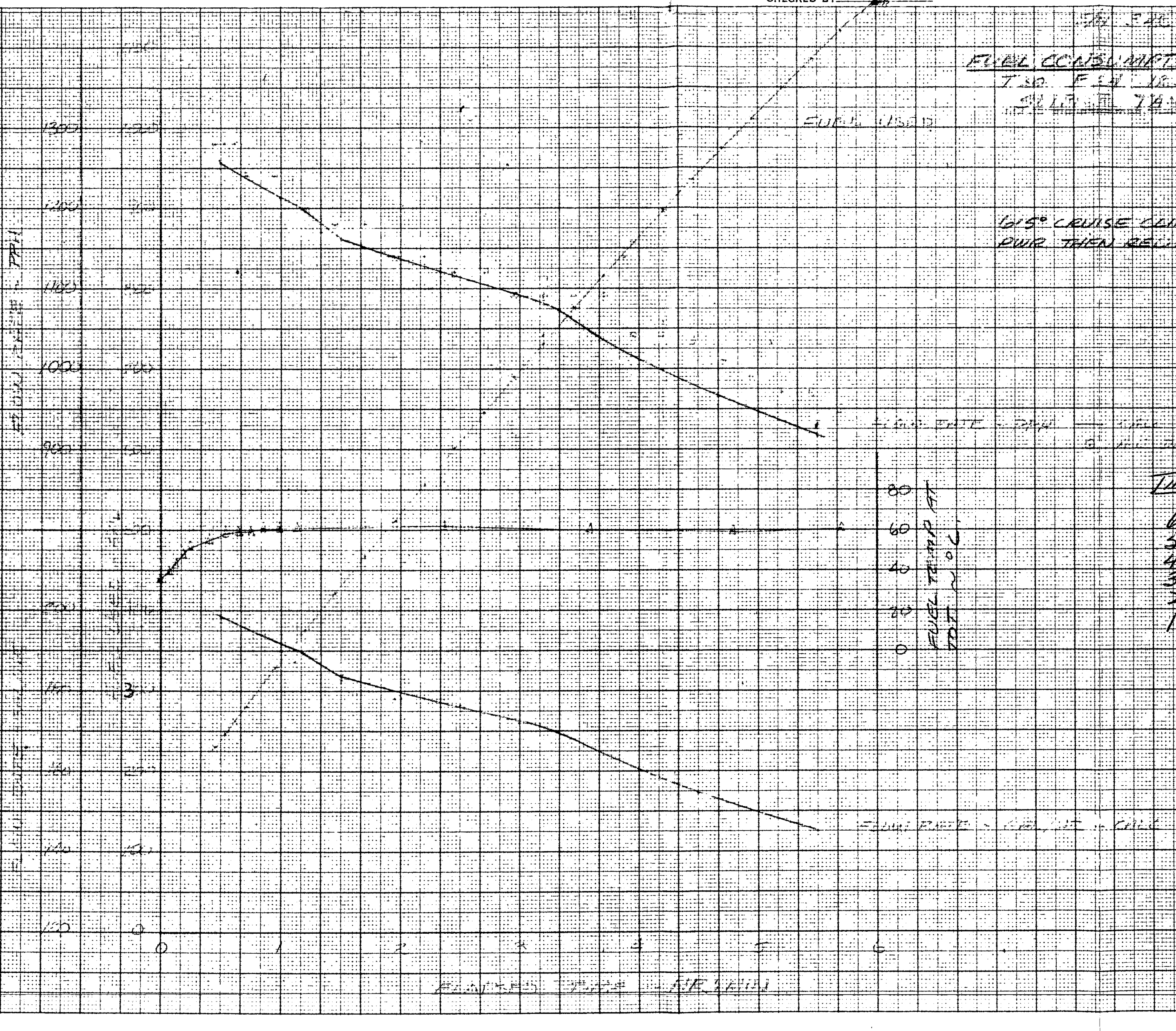
PRELIM DATA

FUEL CONSUMPTION DATA
T-30 F-4 [illegible]
[illegible]

J-75 ENGINE
[illegible] = 23,131 LB.
[illegible] F 1,545 GAL.

65° CRUISE CLIMB TO 70M'
PWR THEN REDUCED FOR 70M' CR.



TIME	FUEL USED	ΔFUEL/HR	
6	1165.0	147	7
5	1018.0	154	12
4	864.0	166	11
3	698.0	177	6
2	521.0	183	
1	338.0		

FORM 5278C